

REPORTS ON THE FLORA OF THE BOSTON
DISTRICT,—XXII.

CARYOPHYLLACEAE.

AGROSTEMMA.

A. GITHAGO L. Grain-fields and waste places, occasional.

ARENARIA.

A. lateriflora L. Grassland, frequent throughout.

A. peploides L., var. **robusta** Fernald (RHODORA xi. 109–115, 1909). Sandy and gravelly seashore, from Rockport northward, also at Scituate, Marshfield and Duxbury; King's Beach, Lynn, according to Tracy in Robinson, Fl. Essex Co. 38, 1880.

A. SERPYLLIFOLIA L. Dry soil; frequent, and often abundant.

CERASTIUM.

C. arvense L. Coarse dry soil; occasional in central portion, especially near the coast.

C. VULGATUM L. Gardens and waste places, common throughout.

DIANTHUS.

D. ARMERIA L. Dry fields and roadsides, occasional; rather abundant in Hingham and vicinity.

D. BARBATUS L. Escaped from cultivation at Beverly, Danvers, Wilmington, Westford, Sherborn and Scituate.

D. DELTOIDES L. Escaped from cultivation at West Newbury, Winchester, Lexington, Ashland, Framingham, Sherborn, Hingham and Scituate.

GYPSOPHILA.

G. MURALIS L. Roadsides and fields, Dracut, Lowell, Bedford, Hopkinton, Wellesley, Hingham, rare.

LYCHNIS.

L. ALBA Mill. Waste places, frequent throughout.

L. CHALCEDONICA L. Well established and spreading at Boxford

(*E. F. Williams*, Aug. 9, 1906); Scituate (*E. F. Williams*, July 9, 1898); old garden, Blue Hill Reservation, according to Deane, Fl. Metrop. Park Comm. 12, 1896.

L. COELI-ROSA Desv. Weed in garden, Cambridge (*C. F. Batchelder*, Sept. 13, 1913). From the Mediterranean region.

L. CORONARIA (L.) Desr. Danvers (*J. H. Sears*, July 5, 1885); Scituate (*Mrs. Henry T. Bailey*).

L. DIOICA L. Waste places, rare.

L. FLOS-CUCULI L. Fields and waste places, Gloucester, Chelmsford, Brookline, Milton, Easton.

SAGINA.

S. decumbens (Ell.) T. & G. Path halfway to Cranberry Pond, Braintree (*N. T. Kidder*, June 12, 1886).

S. nodosa Fenzl., var. **glandulosa** (Bess.) Asch. Rocks by sea-shore at Rockport and Gloucester, its southern limit.

S. procumbens L. Moist places; common along the coast, occasional inland.

SAPONARIA.

S. OFFICINALIS L. Waste places, common throughout.

S. VACCARIA L. Grain fields and waste places, rare.

SILENE.

S. antirrhina L. Dry gravelly soil and waste places, rather common throughout.

S. antirrhina L., forma **Deaneana** Fernald. (See Fernald, RHODORA xvii. 96–97, 1915, and Deane, RHODORA xii. 129–131, 1910.) “TYPE: recently cleared land near Winter Pond, Winchester, Massachusetts, June 22, 1913, *Fernald & Long*, no. 9494 (herb. New England Botanical Club).” Occasional with the species.

S. antirrhina L., var. **divaricata** Robinson. Wooded hillside, Lexington (*C. W. Swan & C. W. Jenks*, Aug. 6, 1883); Waltham (*W. Boott*, —, 1871); Newton Highlands (*J. R. Churchill*, July 28, 1888).

[**S. APETALA** Willd. In Dame & Collins, Fl. Middlesex Co., 15, 1888, is the following reference to this species: “Lexington, growing

with *Anychia capillacea*, on a wooded hillside, Aug. 6, 1883 (C. W. Jenks). Probably adv. from Eu." Prof. B. L. Robinson in *RHODORA* v. 235, 1903, states that this plant is *S. antirrhina* L., var. *divaricata* Robinson.]

S. ARMERIA L. Waste places, occasional.

S. DICHOTOMA Ehrh. Fields and waste places, at nine scattered stations.

S. GALLICA L. Reading (*W. H. Manning*, July 12, 1882, specimen in herb. N. E. Botanical Club).

S. LATIFOLIA (Mill.) Britten & Rendle. Waste places, common throughout.

S. NOCTIFLORA L. Waste places, frequent throughout.

S. pennsylvanica Michx. Dry sand and gravel, frequent in a belt from Medford and Dedham west; "reported at Danvers, Andover, and occasionally in other parts of the county," Robinson, Fl. Essex Co. 38, 1880; Scituate (*Mrs. Henry T. Bailey*).

SPERGULA.

S. ARVENSIS L. A common weed in dry soil throughout.

SPERGULARIA.

S. canadensis (Pers.) Don. Mystic River marshes, Medford (*F. S. Collins*, Aug. 21, 1881, June 21, 1885); Cambridgeport, salt marshes, banks of Charles River (*B. L. Robinson*, Sept. 18, 1898); within tidewater, W. Boston flats (*C. W. Swan*, Sept. 26, 1882).

S. leiosperma (Kindb.) F. Schmidt. (See *RHODORA* xii. 157-163, 1910.) Salt marshes, common all along the coast.

S. rubra (L.) J. & C. Presl. Dry soil, common.

S. salina J. & C. Presl. (See *RHODORA* xii. 157-163, 1910.) Salt marshes, Gloucester, Nahant, Revere, Charlestown, Cambridge, Boston, Dorchester, Quincy, Scituate.

STELLARIA.

S. APETALA Bernardinus. Weed in greenhouses, Cambridge (*M. L. Fernald*, April 30, 1906; specimen in Gray Herb.). Adventive from Europe.

S. AQUATICA (L.) Scop. Beside railway track, Newtonville (*C. J. Sprague*, August, 1881; specimens in Gray Herb. and herb. Boston Soc. Nat. Hist.).

S. borealis Bigel., var. *floribunda* Fernald. (See RHODORA xvi. 150–151, 1914). Waltham (*F. S. Collins*, June 17, 1886; specimen in herb. N. E. Botanical Club).

S. borealis Bigel., var. *isophylla* Fernald. (See above.) Wet woods and brooks in central portion of district, rare.

S. GRAMINEA L. Moist fields, frequent.

S. longifolia Muhl. Moist grassy places; Newburyport, Danvers, Andover, Lowell, Woburn, Brookline, Roxbury; Lynnfield and Salem, according to Robinson, Fl. Essex Co. 38, 1880.

S. MEDIA (L.) Cyrill. A very common garden weed in rich soil throughout, blossoming at all seasons.

S. uliginosa Murr. Wet places, occasional, but not reported south of Hingham and Canton.

PORTULACACEAE.

PORTULACA.

P. OLERACEA L. A common garden weed in our territory and the least often collected.

[*CLAYTONIA VIRGINICA* L. is reported rather vaguely in Robinson, Fl. Essex Co. 40, 1880, but there are no specimens from Essex Co. in the herbarium of the Peabody Academy of Science.]

CERATOPHYLLACEAE.

CERATOPHYLLUM.

C. demersum L. Ponds and slow streams; occasional, but not reported south of Boston.

NYMPHAEACEAE.

BRASENIA.

B. Schreberi Gmel. Shallow ponds and slow streams, frequent.

CASTALIA.

C. odorata (Ait.) Woodville & Wood. Ponds and still waters, common.

NELUMBO.

N. lutea (Willd.) Pers. W. Peabody (*George Larrivee*, Aug. 14, 1913; *J. Dawson*, Aug. 22, —); introduced, cove in Assabet River, Concord (*Martha Bartlett*, September, 1886; *W. Deane*, July 23, 1893); a large colony of it well established in a small pond near the railway in Lynnfield Center (*J. Richard Lunt*, Aug. 24, 1915).

NYMPHAEA.

N. advena Ait. Still water, common.

N. variegata (Engelm.) G. S. Miller. (See RHODORA xvi. 137-141, 1914.) Occasional, north and west of Boston.

N. microphylla Pers. Still water of Sudbury and Concord Rivers at Sudbury, Concord and Billerica; also at Round Pond, Woburn.

× ? **N. rubrodisca** (Morong) Greene. Martin's Pond, N. Reading (*A. S. Pease*, June 25, 1904; July 11, 1908); deep water of Concord River, Concord (*J. R. Churchill*, May 30, 1894).

C. H. KNOWLTON } *Committee on*
WALTER DEANE } *Local Flora.*

NOTES FROM THE WOODS HOLE LABORATORY — 1915.

Edited by F. S. COLLINS.

I. PRASIOLA STIPITATA Suhr.

THIS species was found throughout the summer. It occurred at the Spindle Ledge on the surface of large boulders just above the high tide line where it was washed by spray. While not widely distributed, it grew luxuriantly where it was found. There is no indication from